

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P84022PC00/DAN	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2004/000999	International filing date (day/month/year) 11/03/2004	(Earliest) Priority Date (day/month/year) 18/03/2003
Applicant NANOMAGNETICS LTD		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 8 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

International Application No PCT/GB2004/000999	
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B5/842 G11B5/712 H01F41/16 H01F10/00 H01F1/00 A61K9/28	
According to International Patent Classification (IPC) or to both national classification and IPC	
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B H01F A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ	
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages
	Relevant to claim No.
A	PAUL CALVERT: "Inkjet Printing for Materials and Devices" CHEM. MATER., vol. 13, 9 December 2001 (2001-12-09), pages 3299-3305, XP002284900 cited in the application the whole document
A	EP 1 217 616 A (NANOMAGNETICS LTD) 26 June 2002 (2002-06-26)
X	claims 1,3-8 paragraphs '0001!, '0009! ----- -/--
	1-3,6,7, 13,14, 26-29, 35,36, 48-51, 57,58, 61,70, 71,85,86 1,3-5, 17-21, 26, 40-43, 48,61, 65,66 85,86
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.	
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 48%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&* document member of the same patent family</p> </div> </div>	
Date of the actual completion of the international search 18 June 2004	Date of mailing of the international search report 09/07/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Stichauer, L

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 361 161 B1 (CARLTON DONN B ET AL) 26 March 2002 (2002-03-26) claims 1,3,6 column 1, line 46 - column 5, line 65 -----	1,2,17, 26,27, 40,48, 49,61, 62,65, 85,86
A	WO 96/22533 A (FIRST MEDICAL INC) 25 July 1996 (1996-07-25) cited in the application claims 1,2,4,8,15-17,19,23,25 page 4, line 21 - line 25 page 8, line 34 - line 37 page 11, line 35 - page 13, line 2 -----	1,2, 10-14, 26,27, 32-36, 48,49, 54-58, 70,71, 74-78
A	US 2003/048341 A1 (STEARNS RICHARD G ET AL) 13 March 2003 (2003-03-13) claims 1,4,15,16,42,116,124,130,136,142 paragraphs '0050!', '0057!', '0061!', '0062!', '0077!', '0082!', '0106! example 4 -----	1,8-11, 26, 30-33, 48, 52-55, 61-63, 70, 72-75,85
A	US 2001/055669 A1 (GOLDWASSER ISY ET AL) 27 December 2001 (2001-12-27) claims 13,16-19,21,31-33,53,54,59,87,92-95,97,101 paragraphs '0004!', '0012!', '0017! - '0019!', '0066!', '0073!', '0092!', '0130! - '0136!', '0176!', '0177!', '0225! - '0227! tables I,VI ----- -/--	1,2,10, 11,26, 27,32, 33,48, 49,54, 55,61, 62,70, 71,74, 75,85,86

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	RODA A ET AL: "Protein microdeposition using a conventional ink-jet printer" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 28, no. 3, March 2000 (2000-03), pages 492-496, XP002164952 ISSN: 0736-6205 cited in the application the whole document -----	70-80

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-25,85-86

a known method used to form a magnetic recording device, and magnetic recording device obtainable by said method

2. claims: 26-47,48-69

a method of forming a magnetisable film or a film of inorganic nanoparticles, said method characterized by using a suspension of magnetisable or inorganic nanoparticles, each having been formed within a protein shell

3. claims: 70-84

a method of forming a protein thin film, said method characterized by including a membrane filtration step

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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